

The Hawaiian Islands Humpback Whale National Marine Sanctuary *FREE* Educational Programs



Classes include a variety of activities, lectures, creative hands-on activities and in-the-field experiences. The content also addresses grade level standards. Available standards are listed in parentheses.

Teachers: You can “mix and match” grade level topics or participate in a longer, more involved lesson on one topic.

To Schedule Your Class: Please call Alastair Hebard, at 879-2818 to discuss options and schedule your visit. Detailed information about each class are available upon request.

GRADES K-1

BIG Whale Tails

How big is a humpback whale?
Students will learn about the whales through movement, games and crafts.



Coral Critters (S.K.6.1, S.1.4.1.)

Learn about animals that live in the coral reef through creative movement activities.



Turtle Tails (S.K.1.2., S.1.4.1.)

Students will learn about the anatomy of the turtle as they make a special turtle model.

GRADE 2

Humpback Bubble Net (S.2.5.1)

Students play games that teach about the complex feeding behaviors of humpback whales.



The Legend of Makoa

Students are taken back in time to the days of Kamehameha. Listen to a legend about his messenger Makoa, who ran swiftly across the islands, then reenact his journey with a fun race along our shoreline.



Turtle Creations (S.2.5.1)

How do you tell a boy from a girl turtle, or a hawksbill from a green?
Learn all about these cool creatures as you make a take-home turtle.

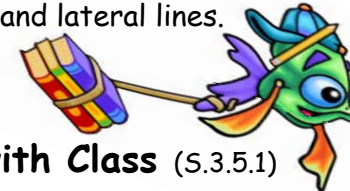
Building a Coral Reef (S.2.5.1.)

Build a 3-d coral reef and fill it with reef critters. Learn about the relationships between reef plants and animals while participating in this fun activity

GRADE 3

The Makings of a Fish (S.3.5.1)

Why do fish look like they do? Build a fish and learn about their different shapes, fins and lateral lines.



Whales with Class (S.3.5.1)

Students will to learn about the biology and behaviors of the humpback whales by actually becoming one.



Turtle Tracks (S.3.5.1)

Turtles nest and hatch on our Maui beaches. Students will examine the life cycle of the sea turtles through creative activities at the beach.

Limu Salad (S.3.1.2.)

Learn how we use lmu in our everyday lives, how to ID it, press it, and use it for an art project.

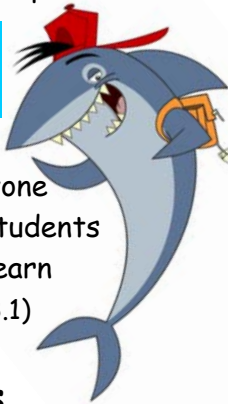
Stories in the Sand (S.3.8.1.)

Where does our sand come from?
Students examine sand from different beaches and determine its composition.

GRADE 4

Marine Food Chains

Survival on the reefs... everyone has a purpose on the reef. Students will participate in games to learn about reef food webs. (S.4.3.1)



Agricultural Engineers

Ko'ie'ie Fishpond has seen many changes in its environment for years. Students integrate these physical changes into a fishpond model as they build and develop their own theories.

Whales to Scale (M.A. 4.4.2)

Students will examine humpback whale biology and behaviors. Learn about Humpbacks through proportions and basic math as they scale down to build whale.

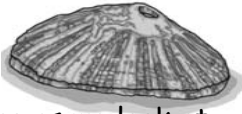
What is a Coral? (S.4.5.3)

Explore the fascinating biology of coral through an interactive lesson that has students building a coral polyp.



Turtle Hurdles (S.4.3.2)

Less than 1% of the turtles born survive. Students will play a game that leads them through the life cycle of a turtle.



Reef Walks

Explore the inter-tidal zone as we look at many different forms of life found in live rock. (S.4.5.2)

Salt Water Investigations

Why is the ocean salty? Students will participate in a variety of activities as they investigate the properties of salt water. (S.4.1.1)

GRADE 5

Life as a Whale Researcher

Students will stage the rescue of a humpback whale and get a unique look into the world of Whale Research and rescue (S.5.2.1)

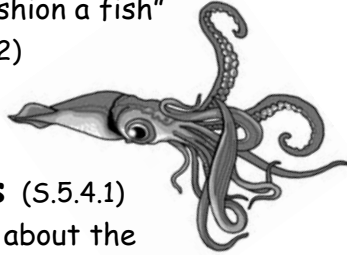
Passing the Rocks

Find out about the many different type of fish ponds that are found in Hawaii. We start with Ko 'ie 'ie fish pond located on our site.



Surviving in a Coral Reef

Why do some fish have stripes and whiskers? Examine ways fish have adapted themselves for their survival and participate in a "fashion a fish" competition. (S.5.3.2)



Squid Squishes (S.5.4.1)

Students will learn about the characteristics of cephalopods as they dissect squid. This is one of our favorite lessons.

Limu (S.5.3.1)

After finding their own limu at the beach, students learn the basics of marine algae. Learn how to identify it, press it, and why it is important.



Be a Hermit... Crab!

Explore the inter-tidal by participating in a hands-on study of hermit crabs. (S.5.1.2)

Scavenger Hunt (S.5.1.2)

What's on the beach? Students problem solve and search for clues, while learning about the global problem of marine debris.

*The Hawaiian Islands Humpback Whale National Marine Sanctuary's Education Center is open to the public Monday through Friday from 10:00 a.m. to 3:00 p.m.
It's free!*

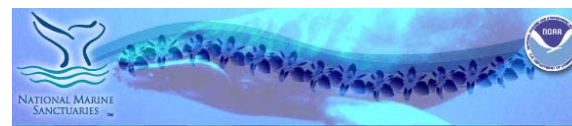
*School group sessions are scheduled daily
Contact Alastair Hebard
alastair.hebard@noaa.gov or Jerry Stowell
at 879-2818 to reserve your date today!*



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Education Classes and Field Activities for Grades K-5

*Learning through technology,
experience and exploration
of the marine world*



NATIONAL MARINE
SANCTUARIES
HAWAIIAN ISLANDS
HUMPBACK WHALE

